

2010

Injury-related Hospital Discharges

MA Youth & Young Adults, Ages 15-24 Years

There were **4,510** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2010, approximately **480.8** per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	85	113	196	<7	0	395	8.8	42.1
Drowning/submersion	<7	0	0	0		<7	0.1	--
Fall	522	10	<7	<7		535	11.9	57.0
Fire/burn	55	8	<7	0		65	1.4	6.9
Firearms	12	<7	155	<7	<7	173	3.8	18.4
Machinery	18					18	0.4	1.9
Natural/environmental	73	<7		0		74	1.6	7.9
<i>Dog bites</i>	16	0		0		16	0.4	1.7
<i>Other bites & stings</i>	39	0		0		39	0.9	4.2
<i>All other (e.g. extreme cold)</i>	18	<7		0		19	0.4	2.0
Overexertion	63					63	1.4	6.7
Poisoning	223	724	<7	79	0	1,027	22.8	109.5
Struck by, against	195	0	149	0	<7	349	7.7	37.2
Suffocation/hanging	11	10	0	<7		22	0.5	2.3
Transport Injuries:	974	<7	0	0	0	977	21.7	104.2
<i>Motor vehicle traffic-related</i>	791	<7	0	0	0	794	17.6	84.6
<i>Occupant</i>	549					549	12.2	58.5
<i>Motorcyclist</i>	98					98	2.2	10.4
<i>Pedal cyclist</i>	40					40	0.9	4.3
<i>Pedestrian</i>	75					75	1.7	8.0
<i>Other person</i>	8					8	0.2	0.9
<i>Unspecified person</i>	21					21	0.5	2.2
<i>Pedal cyclist, other</i>	82					82	1.8	8.7
<i>Pedestrian, other</i>	<7					<7	0.1	--
<i>Other transport</i>	96	0	0	0	0	96	2.1	10.2
Other specified & classifiable	203	<7	34	<7	0	242	5.4	25.8
Other specified, not classifiable	79	35	38	<7	<7	157	3.5	16.7
Unspecified	100	<7	32	0	0	134	3.0	14.3
Adverse Effects						74	1.6	7.9
No cause or intent provided						199	4.4	21.2
TOTALS	2,619	911	608	91	8	4,510	100.0	480.8
Injury Hospitalization Rate by Intent	279.2	97.1	64.8	9.7	0.9	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (October 1 - September 30).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than seven and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2010 population estimates by the US Census Bureau.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.

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